

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A wireless communications network for communicating at least one data payload, comprising:

a wired network;

a wireless channel;

a server computer connected to the wired network;

a wireless packetized data communications provider equipment connected to the wired network;

a client device communicatively connected via the wireless channel to the wireless packetized data communications provider; and

wherein the server computer assigns a respective global sequence number to ~~each~~ the at least one data payload and each of the at least one data payload is communicated together with the respective global sequence number.

Claim 2 (currently amended): The wireless communications network of claim 1, further comprising a detector for determining whether any of the at least one data payload has not been received by the client device via ~~by means of the~~ respective global sequence number.

Claim 3 (original): The wireless communications network of claim 2, wherein the detector is selected from the group consisting of: a software and a hardware of the client device.

Claim 4 (currently amended): The wireless communications network of claim 3, wherein the first client device communicates to the server computer an identifier of any of the at least one data payload that is not received by the client device, based on the respective global sequence number.

Claim 5 (original): The wireless communications network of claim 2, wherein the wired network is the Internet.

Claim 6 (original): The wireless communications network of claim 1, wherein the wireless channel is a cellular packetized data system.

Claim 7 (original): The wireless communications network of claim 1, wherein the wireless channel is a CDPD system.

Claim 8 (original): The wireless communications network of claim 1, further comprising a compressor for compressing together headers of each payload.

Claim 9 (original): The wireless communications network of claim 8, wherein the compressor is the server computer.

Claim 10 (currently amended): The wireless communications network of claim 1, further comprising a comparator for determining whether a time differential between receipts by the client device of every other sequential one of the at least one data payload exceeds a time

constant indicative of an effective data receipt rate of the client device.

Claim 11 (original): The wireless communications network of claim 10, wherein the comparator is selected from a group consisting of: a software and a hardware at the client device.

Claim 12 (currently amended): The wireless communications network of claim 10, wherein the client device assumes any loss of any of the at least one data payload occurs on the wire side if the time differential does not exceed a multiple of an effective data transmit rate of the server computer and otherwise on the wired side.

Claim 13 (currently amended): The wireless communications network of claim 1, further comprising:

a compressor for compressing together all data headers of the at least one data payload ~~payloads~~ of information at the server computer.

Claim 14 (currently amended): The wireless communications network of claim 13, further comprising:

a transmitter at the server computer for transmitting the compressed data headers of the at least one data payload ~~payloads~~.

Claim 15 (original): The wireless communications network of claim 1, further comprising:

a bundling rate determiner at the client device, wherein an outstanding number of bytes not yet received by the client device is divided by an effective data receipt rate of the client device, and the server computer adjusts a send rate of the server computer based on a multiple of the result of the division.

Claim 16 (currently amended): A method of wireless communications, comprising the step of:

assigning at least one data ~~each~~ payload a respective global sequence number; and transmitting the at least one data payload together with the global sequence number.

Claim 17 (currently amended): The method of claim 16, further comprising:

receiving ~~each of a~~ next successive one of the at least one data payload ~~payloads~~;
determining a time differential between receipts of the next successive one ~~payloads~~;

comparing the time differential to a multiple of a server transmit rate;

wherein if the time differential exceeds the multiple then a payload loss is assumed occurring on a wireless portion of a network and otherwise on a wired portion of the network.

Claim 18 (currently amended): A method of wireless communications, comprising the step of:

compressing together all headers of at least one ~~each~~ payload of information at the

server computer.

Claim 19 (original): The method of claim 18, further comprising the step of:

transmitting together all headers as so compressed.

Claim 20 (currently amended): A method of wireless communications, comprising the steps of:

determining at a client device ~~a~~ the number of bytes outstanding not yet received;

dividing the number of bytes by an effective receipt data rate of the client device;

and

varying a send rate of a server computer according to a multiple of the result of the step of dividing.